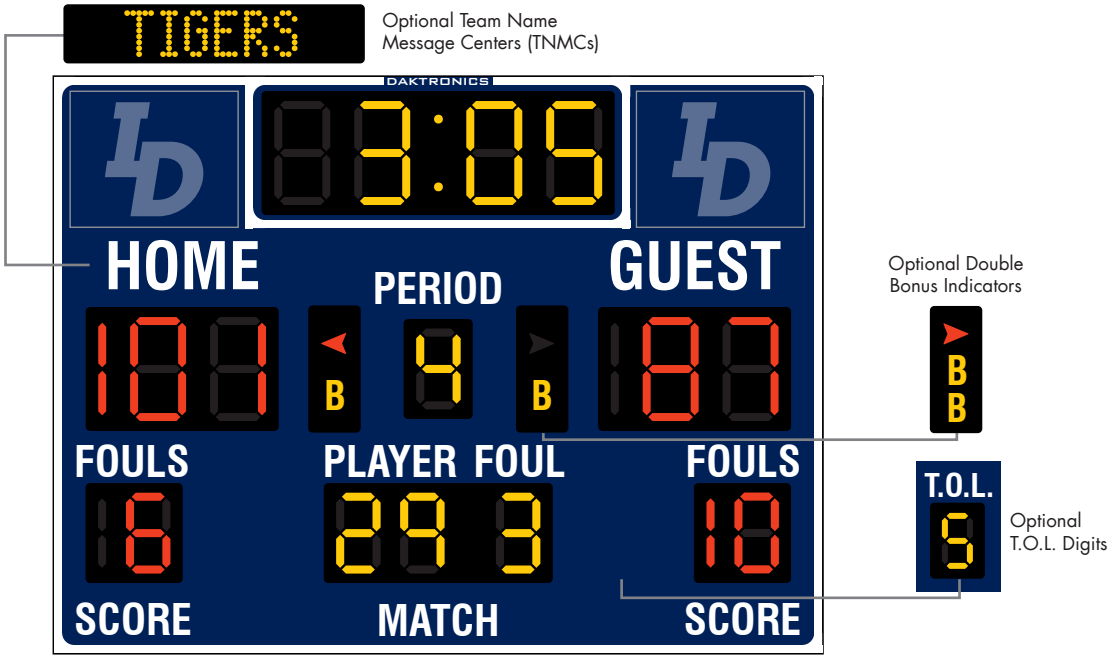
DAKTRONICS BB-2103 PRODUCT SPECIFICATIONS



This single-sided LED basketball scoreboard displays period time to 99:59, HOME and GUEST scores to 199, PERIOD to nine, PLAYER number to 99, player FOUL to nine, team FOULS to 19 and indicates possession and bonus. T.O.L. (time outs left) to nine are optional. Scoreboard can also score volleyball and wrestling. When period time is less than one minute, the scoreboard displays time to 1/10 of a second. Scoreboard shown with optional striping and UniView® digits.

DIMENSIONS	UNCRATED WEIGHT	POWER (120 VAC)
6'-0" H x 8'-0" W x 6" D (1.83 m, 2.44 m, 152 mm)	180 lb (82 kg)	200 Watts, 1.7 Amps

Notes:
1) Models with 240 VAC power at half the indicated amperage are also offered (International Use Only).
2) Optional 8x48 TNMCs add 100 Watts to scoreboard power and 15 lb (7 kg) to scoreboard weight.

DIGITS & INDICATORS

- Clock and score digits are 13" (330 mm) high. Optional T.O.L. digits are 7" (178 mm) high. All other digits are 10" (254 mm) high. Bonus indicators are 4" (102 mm) high and possession arrows are 3" (76 mm) high.
- Clock, PERIOD, PLAYER/FOUL and optional T.O.L. digits are amber. Bonus indicators and optional TNMCs are amber. All other digits and indicators are red.
- Select PanaView® or UniView® LED digit technology (see SL-04729).

CAPTIONS

- HOME and GUEST captions are 6" (152 mm) high. Optional T.O.L. captions are 3" (76 mm) high. All other captions are 4" (102 mm) high. Optional TNMCs are 6" (152 mm) high.
- Standard captions are vinyl, applied directly to the display face.

DISPLAY COLOR

Choose from 150+ colors (from Martin Senour® paint book) at no additional cost.

CONSTRUCTION

Durable, lightweight aluminum Tuff Sport® cabinet withstands high-velocity impact from air-filled sports balls without the need for protective screens.

PRODUCT SAFETY APPROVAL

ETL listed, tested to CSA standards and CE labeled for indoor use

OPERATING TEMPERATURES

- Display: -22 to 122° Fahrenheit (-30 to 50° Celsius)
- Console: 32 to 130° Fahrenheit (0 to 54° Celsius)

WWW.DAKTRONICS.COM E-MAIL: SALES@DAKTRONICS.COM

201 Daktronics Drive, PO Box 5128, Brookings, SD 57006
Phone: 1-800-325-8766 or 605-692-0200 Fax: 605-697-4746

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CONTROL CONSOLE	CONTROL OPTIONS
All Sport® 5000 (see SL-03991)	***Wired (standard):*** One-pair shielded cable of 22 AWG minimum is required. A cover plate with mounted connector and standard 2" x 4" x 2" (51 mm x 102 mm x 51 mm) outlet box is provided. Connector mates with signal cable from control console.
	Wireless (optional): 2.4 GHz spread spectrum radio features 64 non-interfering channels and 8 broadcast groups (see SL-04370).

HORN
A vibrating horn, mounted behind the scoreboard face, sounds automatically when period clock counts down to zero or manually as controlled by the operator.

SEGMENT TIMER MODE
The segment timer mode is ideal for keeping practices on schedule. The horn at the end of a segment allows coaches and athletes to focus on the practice and to listen for the horn when it is time to change drills (see SL-04004).

GENERAL INFORMATION
Scoreboard provides scoring capabilities for two teams. 100% solid state electronics are housed in an all aluminum cabinet. Scoreboard arrives at the site fully assembled. Mounting hardware not included. Specifications and pricing are subject to change without notice.

OPTIONS & ACCESSORIES
- Scoreboard border striping
- Multiple caption and striping colors (see DD2101644)
- Team name caption in place of HOME *
- Team names on changeable panels *
- Volleyball and wrestling captions on changeable panels
- Programmable Team Name Message Centers (see SL-04342)
- Double bonus indicators
- T.O.L. digits with captions
- Two 17" (432 mm) tall x 21" (533 mm) wide logo/sponsor panels in one or both upper corners
- Standalone Time of Day – scoreboard acts as a clock when control console is unplugged/off
- Different sounding 12 VDC horn in place of buzzer
- Advantage time option for wrestling mode – PLAYER and FOUL digits reversed (see SL-03679)
- Visual horn indicator (see SL-02093 or SL-05489)
- Protective screen (see SL-02551)
- Suspension installation kit
- Corner mounting kit
- Advertising/identification panels
- Decorative accents
- Electronic message centers and video displays in multiple sizes

** Only for scoreboard without Team Name Message Centers*

ADVERTISING/IDENTIFICATION PANELS

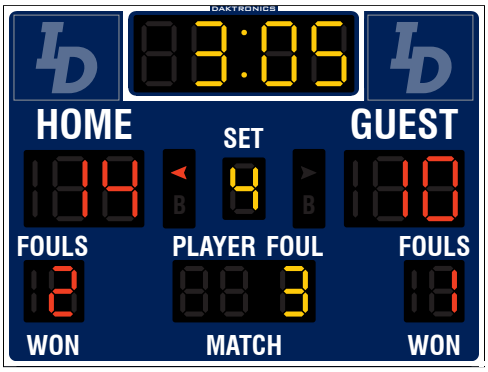
Backlit & Non-Backlit:

1'-6" H x 8'-0" W (457 mm, 2.44 m)
2'-0" H x 8'-0" W (610 mm, 2.44 m)
2'-6" H x 8'-0" W (762 mm, 2.44 m)

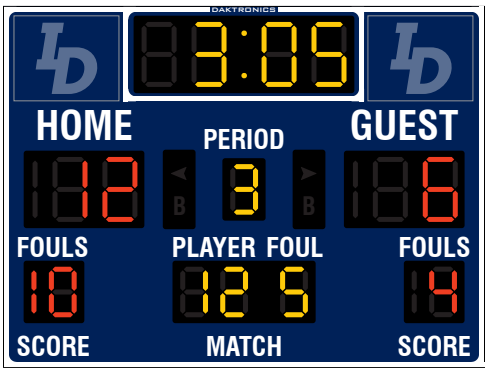
For additional backlit panel sizes, see SL-03664.
For additional non-backlit panel sizes, see SL-03917.

FOR ADDITIONAL INFORMATION
- Mechanical Specifications: DWG-1130405 (attached)
- Component Locations: DWG-1130164 (attached)
- Architectural Specifications: See SL-04787
- Installation Manual: See DD2481645
- Service Manual: See DD2481648

ALTERNATE SCORING MODES



Volleyball Mode –
Optional captions shown



Wrestling Mode

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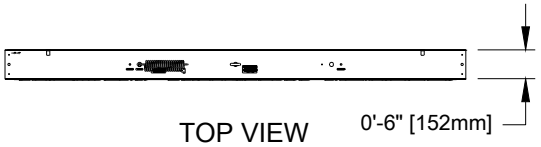
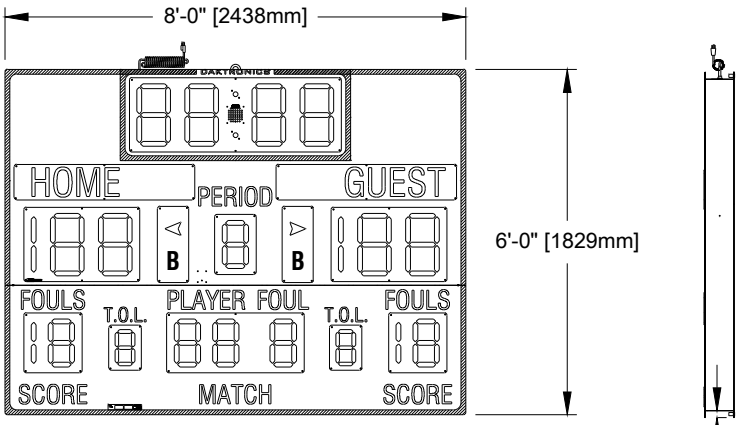
BB-2103 / 3103

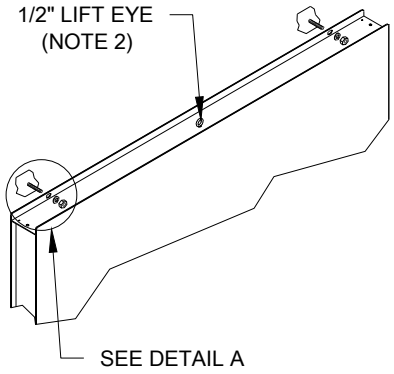


TOP VIEW

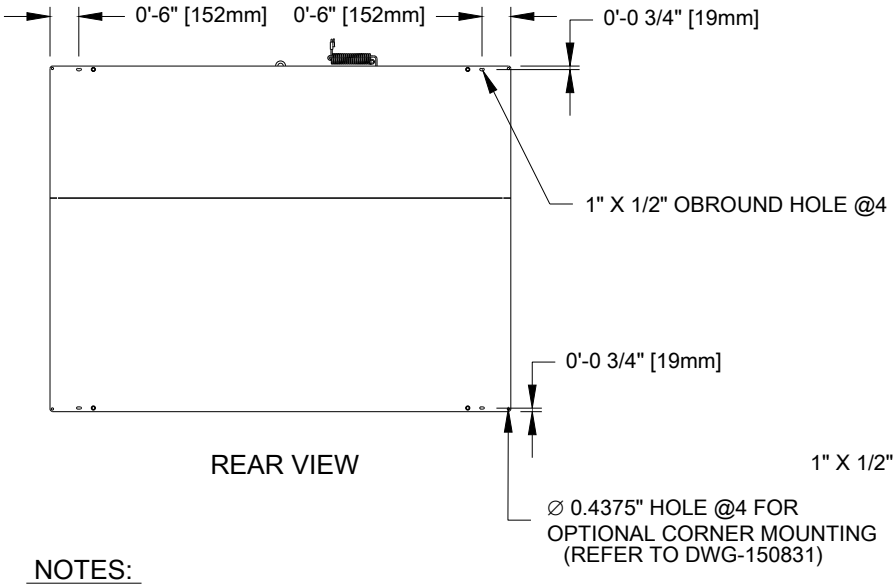


FRONT VIEW

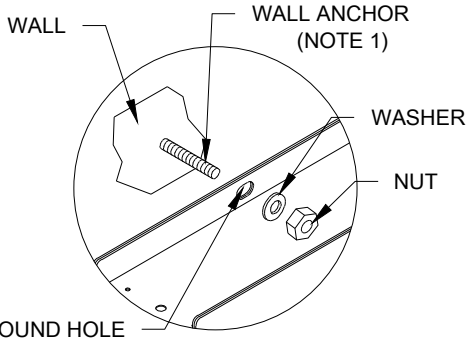
SIDE VIEW



WALL MOUNTING DETAIL



REAR VIEW



DETAIL: A
(SCALE 1=10)

NOTES:

1. USE APPROPRIATE WALL ANCHORS FOR TYPE OF WALL. (NOT PROVIDED BY DAKTRONICS)

2. LIFT EYE IS FOR TEMPORARY USE WHILE LIFTING SCOREBOARD DURING INSTALLATION. DO NOT USE LIFT EYE FOR PERMANENT SUSPENSION. REFER TO DWG-1130959.

WEIGHTS	
SHIPPING WEIGHT	MOUNTING WEIGHT
290 LBS (132 KG)	180 LBS (82 KG)

DAKTRONICS, INC.
BROOKINGS, SD 57006
DO NOT SCALE DRAWING

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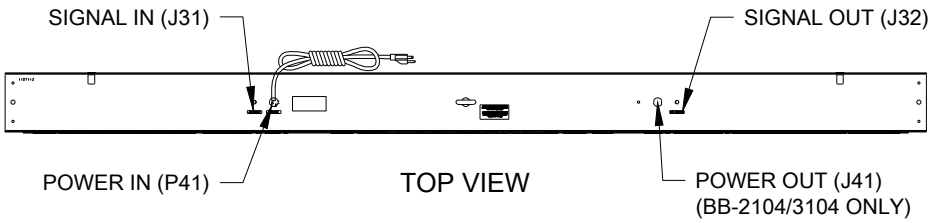
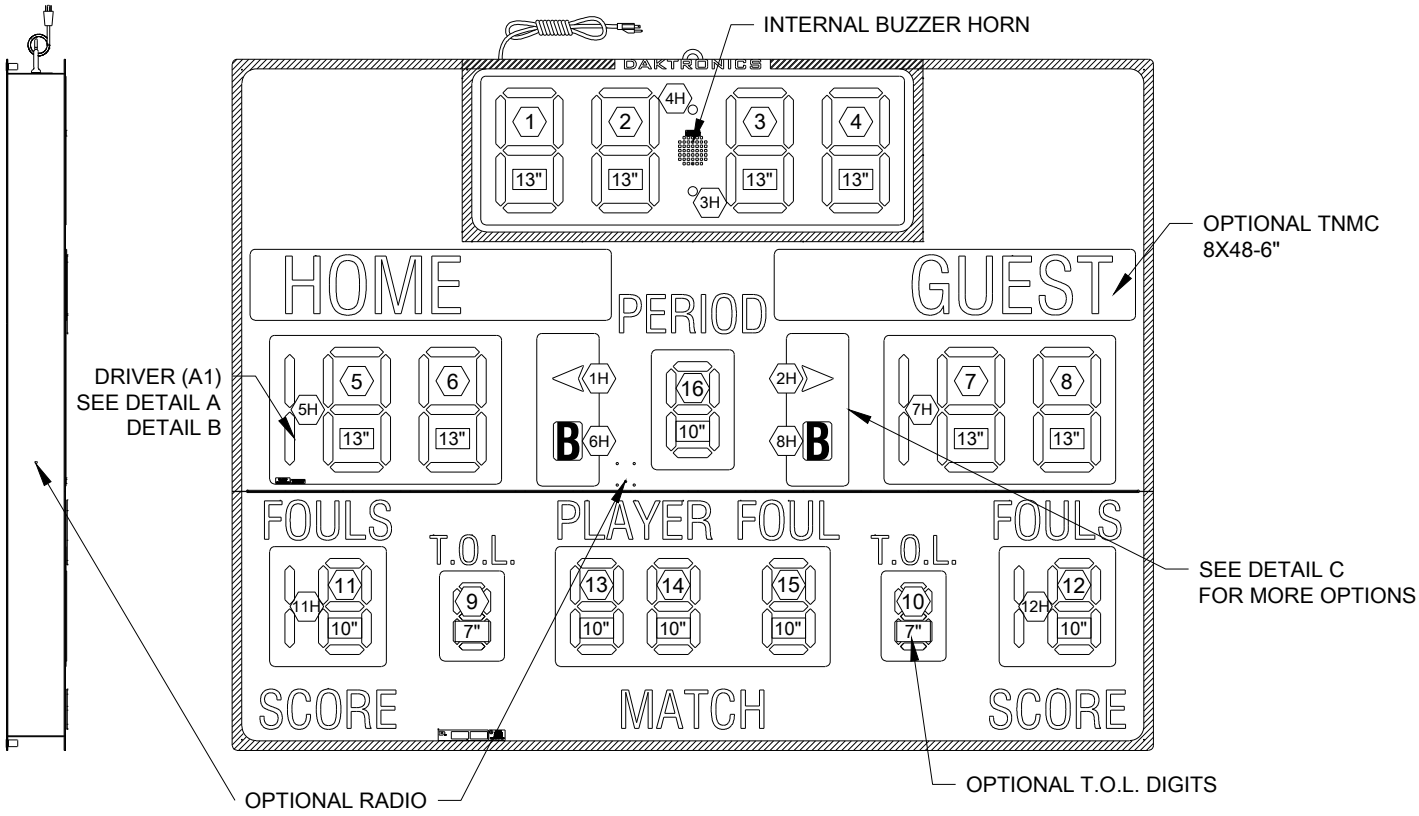
PROJ: INDOOR SCOREBOARDS				
TITLE: MECHANICAL SPEC, BB-2103 / 3103				
DESIGN: KDRAGT		DRAWN: AHOLTZ		DATE: 15 MAR 13
SCALE: 1=40				
SHEET	REV	JOB NO:	FUNC-TYPE-SIZE	1130405
	00	P1749	E - 10 - A	

BB-2103/3103 & BB-2104/3104 FACE

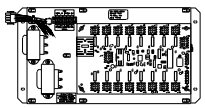


TOP VIEW

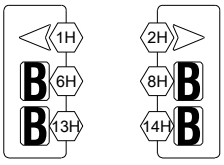


SIDE VIEW

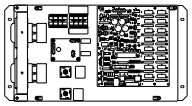
FRONT VIEW



DETAIL: A
SCALE 1:1
16 COLUMN DRIVER
(BB-2103/2102)



DETAIL: C
SCALE 1:1
OPTIONAL DOUBLE
BONUS INDICATORS



DETAIL: B
SCALE 1:1
MCAST-16 COLUMN
DRIVER
(BB-3103/-3104)

DO NOT WORK ON ENERGIZED DISPLAY
UNLESS YOU ARE A CERTIFIED ELECTRICIAN
OR DIRECTED BY DAKTRONICS.

KEY:
- ⟨7⟩ = DIGIT DESIGNATION IN RELATION TO DRIVER
- 13" = DIGIT SIZE
- ⟨12H⟩ = SEGMENT DESIGNATION

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DO NOT SCALE DRAWING			
PROJ: INDOOR SCOREBOARDS			
TITLE: COMPONENT LOCATION; BB-2103/2104/3103/3104			
DESIGN: KDRAGT	DRAWN: KDRAGT		DATE: 13 MAR 13
SCALE: 1=20			
SHEET	REV	JOB NO:	FUNC-TYPE-SIZE
	00	P1749	E-10-A

1130164